

ASAP

Work Order ID 84995

\*84995\*

May-31-12 8:28:29 AM

Item ID: D4002-041

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 5/31/12

Start Qty: 6.00

\*6\*

Cust Item ID:

Required Date: 6/08/12

Req'd Qty: 6.00

\*6\*

Customer:

Reference:

Approvals:

Process Plan: V

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4002

D

100

0.00

\*100\*

Purchasing

Memo

0.00

Purchasing

Issue P/O: 17097  
Purchase part as per Dwg D4002  
Part #: 156001-3S-0185  
Possible Supplier: Aviall / API  
Material release note required

CL 12/06/01 (6)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

\*110\*

Packaging

Memo

0.00

Packaging

PL 12/07/01 (6)

# Work Order ID 84995

**\*84995\***

Page 2

May-31-12 8:28:29 AM

Item ID: D4002-041 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Aux Tank Drain Hose Assembly, Fwd  
 Start Date: 5/31/12 Start Qty: 6.00 **\*6\*** Cust Item ID:  
 Required Date: 6/08/12 Req'd Qty: 6.00 **\*6\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 <b>*120*</b> QC Quality Control	QC6- Inspect dimensions to drawing  Memo	0.00  0.00				6			12 06 07
121 <b>*121*</b> Small Fab Small Fab	Memo 1- Assemble fitting, o-ring and valve as per dwg D4002 2- Install label as per dwg	0.00  0.00				6x			12/06/08
122 <b>*122*</b> QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00  0.00				(46)			

**Work Order ID 84995****\*84995\***

Page 3

May-31-12 8:28:29 AM

Item ID: D4002-041

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 5/31/12

Start Qty: 6.00

**\*6\***

Cust Item ID:

Required Date: 6/08/12

Req'd Qty: 6.00

**\*6\***

Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: 193

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

12/6/28MF  
12-06-28

# Picklist Print

May-31-12 8:28:29 AM

Page 1

Work Order ID: 84995

Parent Item: D4002-041

Parent Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 5/31/12

Required Date: 6/08/12

Start Qty: 6.00

Required Qty: 6.00

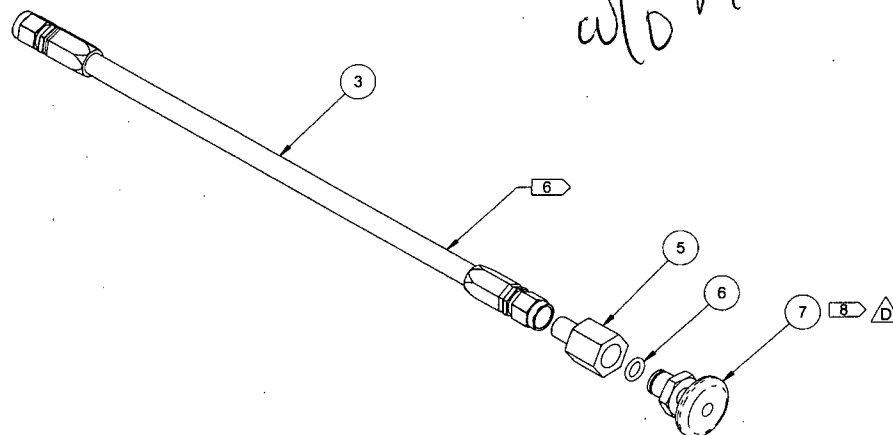
Comments: IPP rev A 10.01.21 new issue Prelim EC verified by:DD IPP rev B 10.11.03 added  
MS29528-04 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156001-3S-0185 Hose Assembly		Purchased	No			110	Each	2.0000	1	6		5/26/12	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		2							
				84395		2							
AN894D4-3 Fitting		Purchased	No			121	Each	32.0000	1	6		5/26/12	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST328		32							
				120693		32				6			
MS29512-04 O-RING		Purchased	No			121	Each	35.0000	1	6		5/26/12	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST293		32				6			
				120693		32							
				ST294		3							
				118853		3							
MS29528-4 FUEL DRAIN VALVE		Purchased	No			121	Each	2.0000	1	6		5/26/12	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		2							
				120528		2							
D2182-045 Heat Shrink 4.5" Long		Manufactured	No			121	Each	0.0000	1	6		5/26/12	
D2729-1 Dart Logo label		Manufactured	No			121	Each	0.0000	1	6		5/26/12	

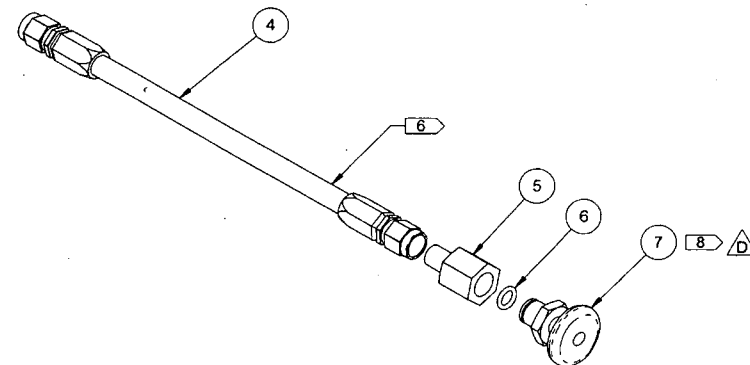
321864 (2)

M122182 (2)

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



**D4002-041 DRAIN HOSE - FRONT**



**D4002-043 DRAIN HOSE - REAR**

**RELEASED**  
2011-11-16  
JMD

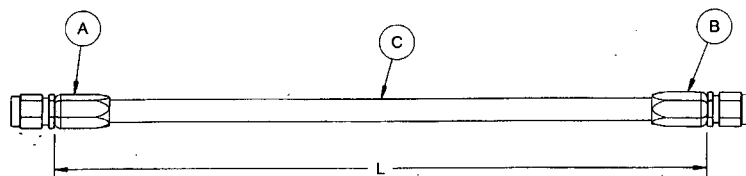
**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.21 lbs  
D4002-043 - 0.20 lbs
- 8) DRAIN VALVE MAY NOT APPEAR EXACTLY AS PICTURED

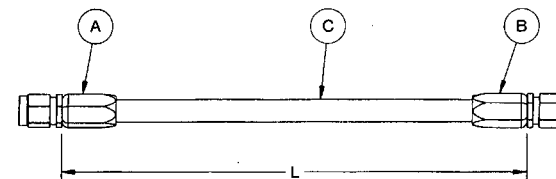
D	ADDED NOTE 8	DC	11.10.06
C	ADDED 8.00" TO D4002-1/-3 HOSES; AFFECTED WEIGHT	MB	11.09.14
B	CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2	HS	10.11.03
A	NEW ISSUE	HS	10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	DC	DRAWING NO.	REV. D
MFG. APPR.	DC	D4002	SHEET 1 OF 2
APPROVED	NO	TITLE	SCALE
DE APPR.	NO	HOSE ASSEMBLY	NTS
DATE	11.10.06	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

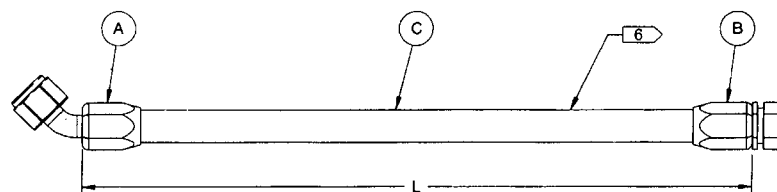
## SPECIFICATION CONTROL DRAWING



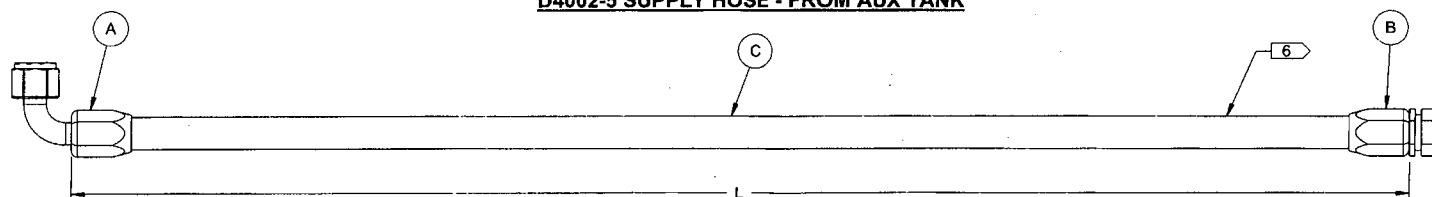
**D4002-1 HOSE ASSEMBLY**



**D4002-3 HOSE ASSEMBLY**



**D4002-5 SUPPLY HOSE - FROM AUX TANK**



**D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK**

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0185	AVIAL/API	17.90	676-3S	676-3S	156-3	0.16 lbs
D4002-3	156001-3S-0154	AVIAL/API	14.76	676-3S	676-3S	156-3	0.15 lbs
D4002-5	156003-6D-0102	AVIAL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIAL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

**RELEASED**  
2011-11-16

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN	BC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	BC	DRAWING NO. <b>D4002</b>	REV. D
MFG. APPR.	BC		SHEET 2 OF 2
APPROVED	BC	TITLE	SCALE
DE APPR.	BC	<b>HOSE ASSEMBLY</b>	NTS
DATE	11.10.06	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



Hose Shop 2755 Regent Blvd. DFW Airport

75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 12324582

1. 156001-3S0185 6ea.
2. 156001-3S0154 6ea.

Signed: JB Date: 6-5-12

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO17097

Purchase Order Date 6/01/12

PO Print Date 6/01/12

Page Number 1 of 1

Order From :

VU-AVI003

AVIALL  
PO BOX 842267  
DALLAS, TX 75284-2267  
USA

Contact Name

Vendor Phone

905-676-1695

Vendor Fax

905-676-9046

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

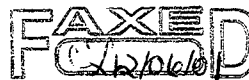
FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA



e-mail Lavoie

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
	Vendor Part Number						
1	156001-3S-0185	Hose Assembly	6/05/12 Yes	6.00 Each	FedEx PI collect	\$106.5000	\$639.00
		Special Inst:	AS PER DWG D4002 REV. D B84995				
2	156001-3S-0154	Hose Assembly	6/05/12 Yes	6.00 Each	FedEx PI collect	\$102.5200	\$615.12
		Special Inst:	AS PER DWG D4002 REV. D B84996				

PO Total:

\$1,254.12

CERTIFICATE OF CONFORMITY  
REQD UPON DELIVERY

Change Nbr: 1

Change Date: 6/01/12

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required - YES NO





## PROFORMA INVOICE



SHIPMENT NBR:

74033

PAGE: 1  
DATE: 06/05/12  
TIME: 14:00  
EMP#: 22611

CUSTOMER P.O.: 17097

ORDER NUMBER: 0012324582-

74033

ORDER DATE: 06/01/12

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG  
CURRENCY: USDB 032028  
I  
L DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS  
H  
I DART AEROSPACE LTD  
P 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS 41270  
H  
I AVIALL DALLAS HOSE SHOP  
P AVIALL  
F HOSE SHOP  
R 2755 REGENT BLVD  
O DFW AIRPORT TX 75261-9048  
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
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PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT  
NUMBER 1517-9324-0, AWB# MUST REFERENCE  
THE PURCHASE ORDER NUMBER, SHIP TO THE  
ATTN OF CHANTAL 613-632-9577

1	1S	156001-3S0185 HOSE: <del>MED PRESSURE</del> , RUBBER REIN ST, REF: Schedule B: 4009.22.0050  LOT 51242801 EA Country of Origin: U.S.A.	6	6		0 EA	106.50	639.00
2	1S	156001-3S0154 HOSE: MED PRESSURE, RUBBER REIN ST, REF: Schedule B: 4009.22.0050  LOT 51242800 EA Country of Origin: U.S.A.	6	6		0 EA	102.52	615.12

\*\*\* These commodities, technologies, or software were exported from the United  
\*\*\* States in accordance with the Export Administration Regulations. Diversion  
\*\*\* contrary to U.S Law is prohibited.\*\*\*  
\*\*\*  
\*\*\*

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Quality Assurance &amp; Training

06/05/12

Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED  
MERCHANDISE SUBJECT TO HANDLING FEE.THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS  
OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL



## PROFORMA INVOICE



SHIPMENT NBR:

74033

PAGE: 2  
DATE: 06/05/12  
TIME: 14:00  
EMP#: 22611

CUSTOMER P.O.: 17097

ORDER NUMBER: 0012324582- 74033

ORDER DATE: 06/01/12

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG  
CURRENCY: USDB 032028  
I  
L DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS  
H  
I DART AEROSPACE LTD  
P 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS 41270  
H  
I AVIALL DALLAS HOSE SHOP  
P AVIALL  
F HOSE SHOP  
R 2755 REGENT BLVD  
O DFW AIRPORT TX 75261-9048  
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
------	-----	---------------------	-------------------	------------------	------------	-----	------------	---------------------

assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL 1,254.12  
TAXES 0.00  
FREIGHT 0.00  
FUEL SURCHARGE 0.00  
TOTAL 1,254.12  
Currency: United States Dollar

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AV18 R5-06

JR Hofmann, Director, Quality Assurance &amp; Training

06/05/12

Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL